

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102324AL\  
 Data File : FE050787.D  
 Signal(s) : FID1B.ch  
 Acq On : 23 Oct 2024 12:22  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Oct 24 02:29:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.861 | 3090835    | 19.605 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.21%       |
| 12) S 1-chlorooctadecane (S... | 13.294 | 2352163    | 19.884 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.248  | 2785581    | 19.715 ug/ml |
| 2) T n-Decane (C10)            | 4.498  | 2875095    | 20.039 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 2876453    | 20.116 ug/ml |
| 4) T n-Dodecane (C12)          | 6.666  | 2898735    | 20.139 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.306  | 2684309    | 20.262 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.493  | 2870771    | 20.066 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.098 | 2935359    | 19.945 ug/ml |
| 8) T n-Octadecane (C18)        | 11.540 | 2952329    | 19.765 ug/ml |
| 10) T n-Eicosane (C20)         | 12.848 | 2824361    | 19.696 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.459 | 2767487    | 19.707 ug/ml |
| 13) T n-Docosane (C22)         | 14.044 | 2755979    | 19.644 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.146 | 2761914    | 19.550 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.165 | 2772313    | 19.701 ug/ml |
| 16) T n-Octacosane (C28)       | 17.114 | 2797437    | 19.117 ug/ml |
| 17) T n-Tricontane (C30)       | 18.000 | 3077284    | 19.354 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.833 | 3175550    | 19.588 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.616 | 2873780    | 19.564 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.355 | 2498338    | 19.701 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.080 | 2272011    | 18.375 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.965 | 2031300    | 18.242 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

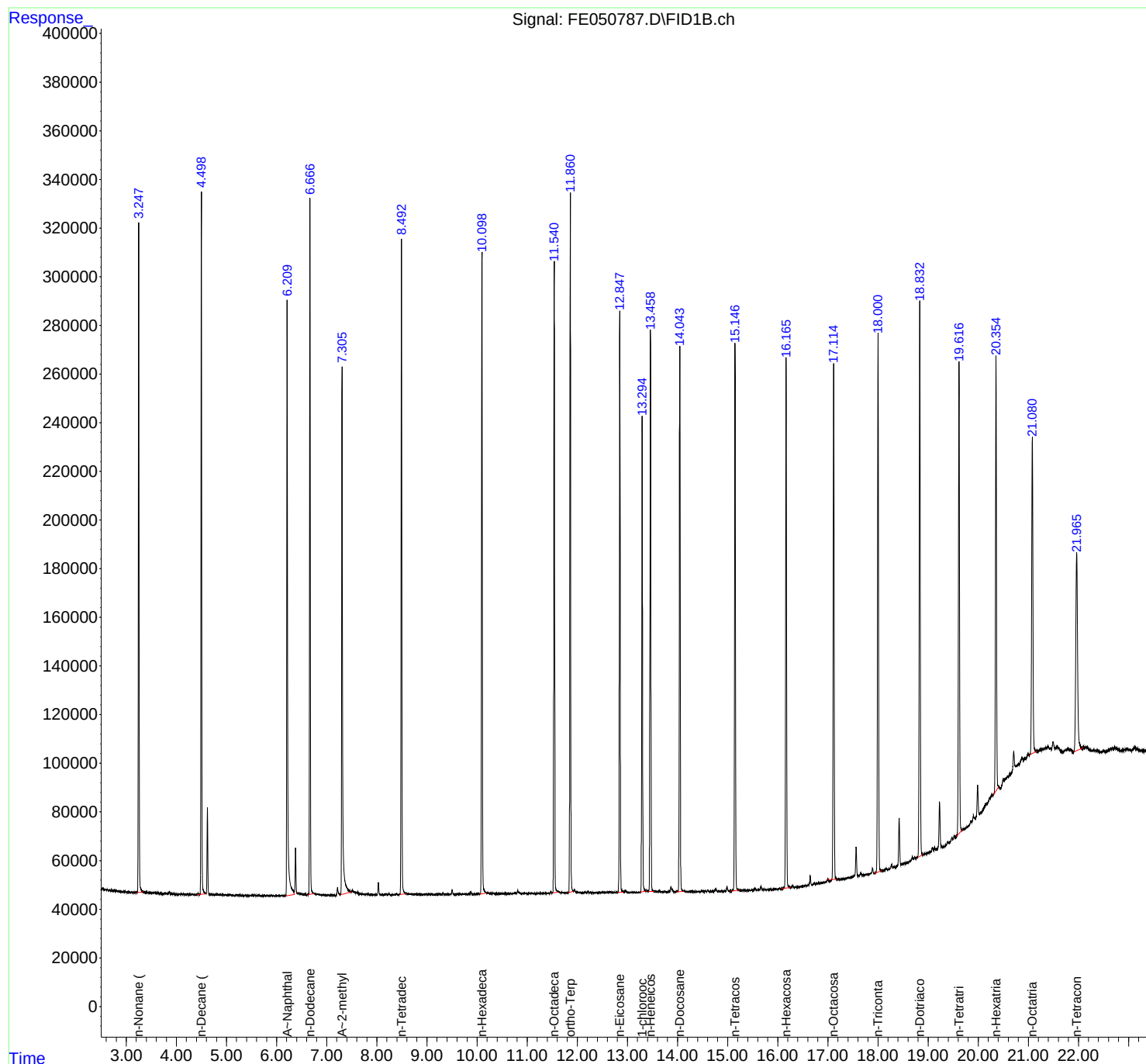
(m)=manual int.

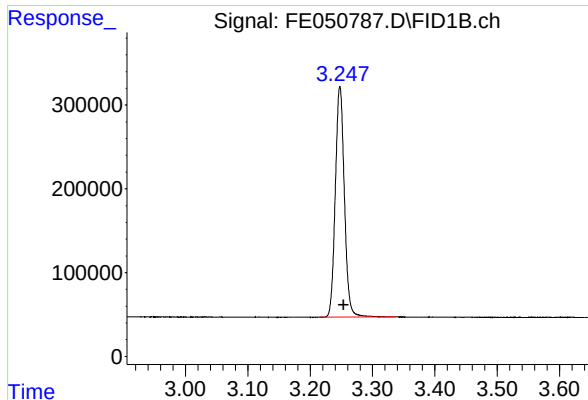
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102324AL\  
Data File : FE050787.D  
Signal(s) : FID1B.ch  
Acq On : 23 Oct 2024 12:22  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Mon Oct 07 16:32:18 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

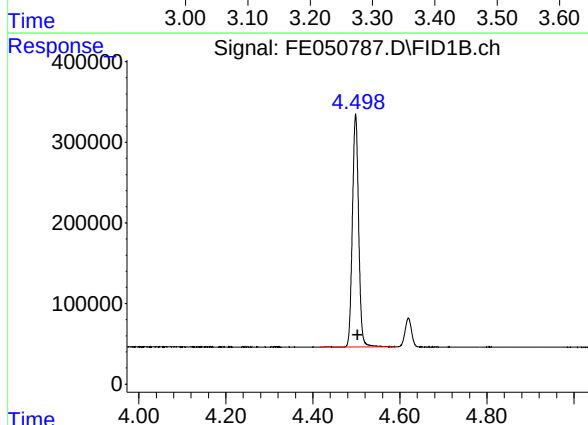




#1 n-Nonane (C9)

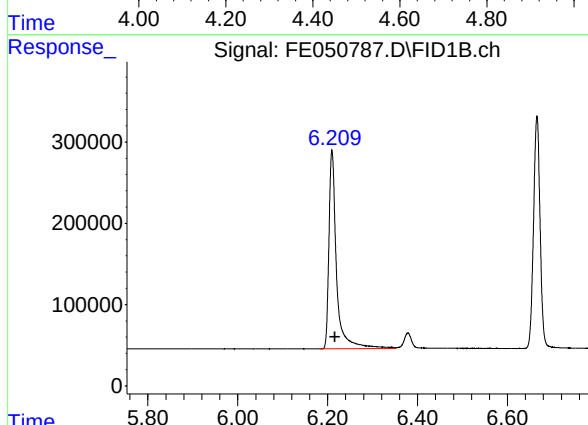
R.T.: 3.248 min  
Delta R.T.: -0.006 min  
Response: 2785581  
Conc: 19.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



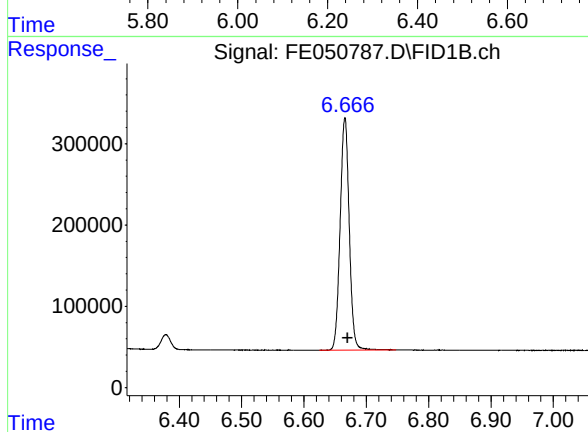
#2 n-Decane (C10)

R.T.: 4.498 min  
Delta R.T.: -0.005 min  
Response: 2875095  
Conc: 20.04 ug/ml



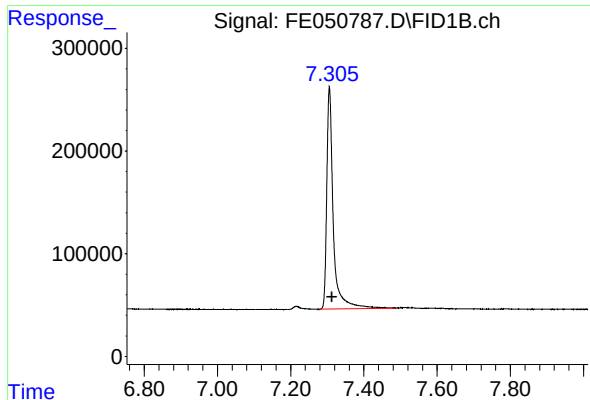
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min  
Delta R.T.: -0.007 min  
Response: 2876453  
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

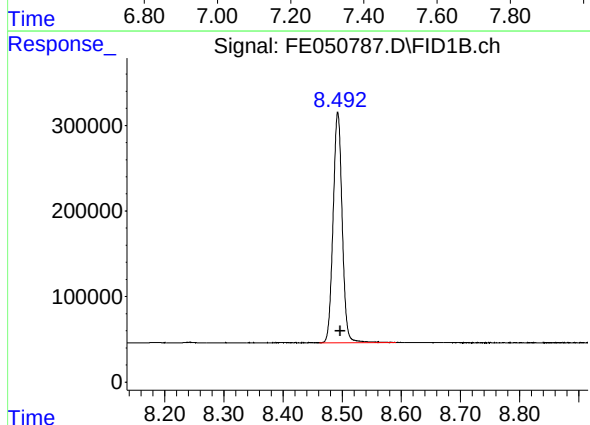
R.T.: 6.666 min  
Delta R.T.: -0.004 min  
Response: 2898735  
Conc: 20.14 ug/ml



#5 A~2-methylnaphthalene (C12.89)

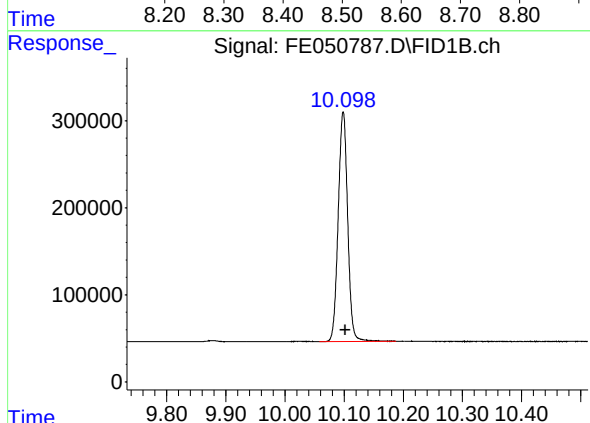
R.T.: 7.306 min  
Delta R.T.: -0.007 min  
Response: 2684309  
Conc: 20.26 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



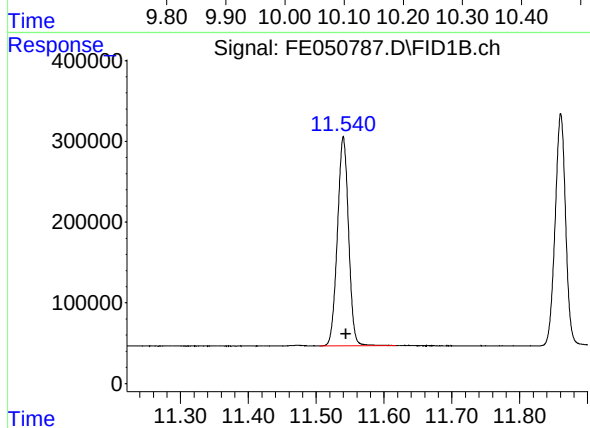
#6 n-Tetradecane (C14)

R.T.: 8.493 min  
Delta R.T.: -0.004 min  
Response: 2870771  
Conc: 20.07 ug/ml



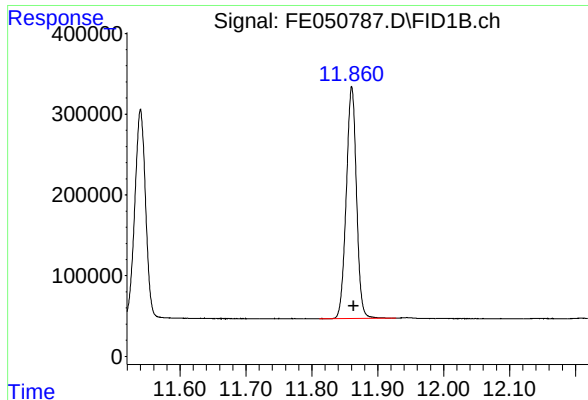
#7 n-Hexadecane (C16)

R.T.: 10.098 min  
Delta R.T.: -0.004 min  
Response: 2935359  
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

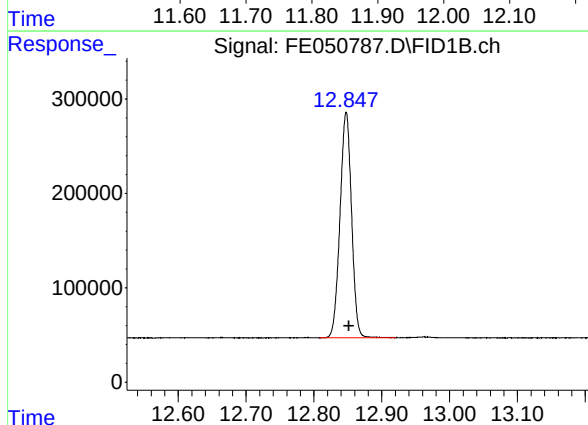
R.T.: 11.540 min  
Delta R.T.: -0.004 min  
Response: 2952329  
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

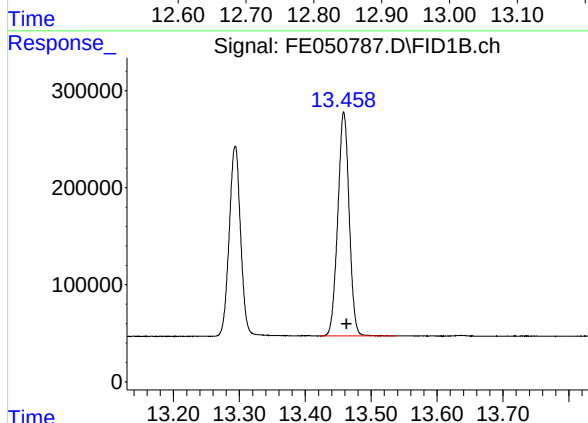
R.T.: 11.861 min  
Delta R.T.: -0.003 min  
Response: 3090835  
Conc: 19.60 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



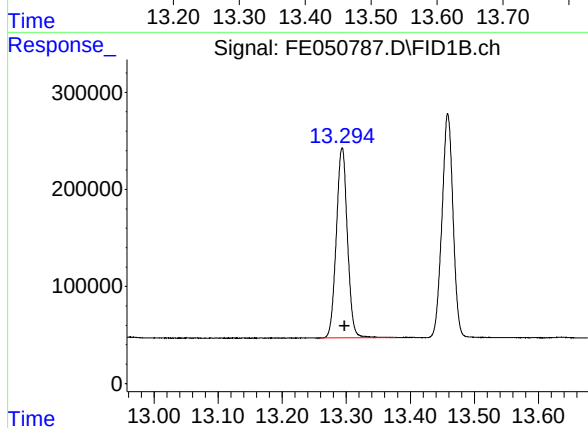
#10 n-Eicosane (C20)

R.T.: 12.848 min  
Delta R.T.: -0.004 min  
Response: 2824361  
Conc: 19.70 ug/ml



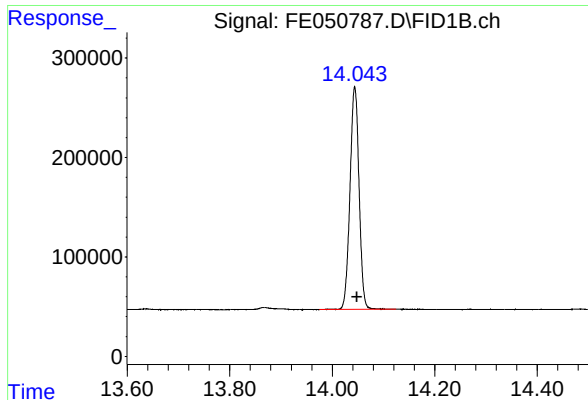
#11 n-Heneicosane (C21)

R.T.: 13.459 min  
Delta R.T.: -0.004 min  
Response: 2767487  
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

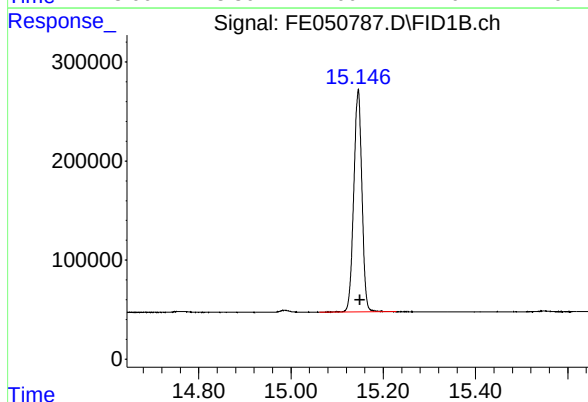
R.T.: 13.294 min  
Delta R.T.: -0.004 min  
Response: 2352163  
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

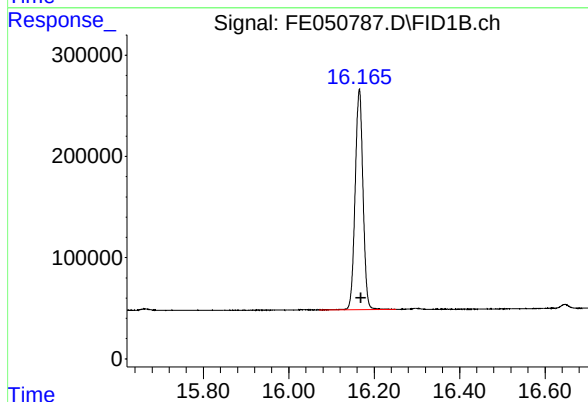
R.T.: 14.044 min  
Delta R.T.: -0.004 min  
Response: 2755979  
Conc: 19.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



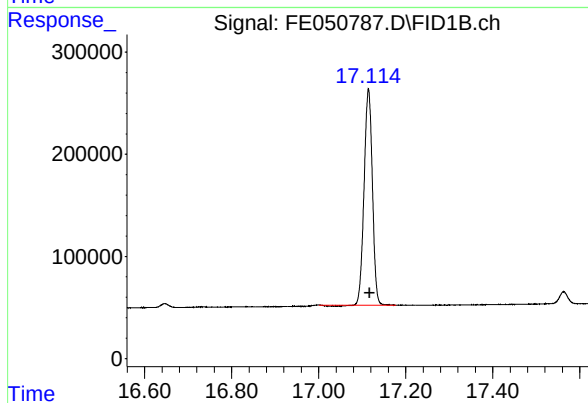
#14 n-Tetracosane (C24)

R.T.: 15.146 min  
Delta R.T.: -0.004 min  
Response: 2761914  
Conc: 19.55 ug/ml



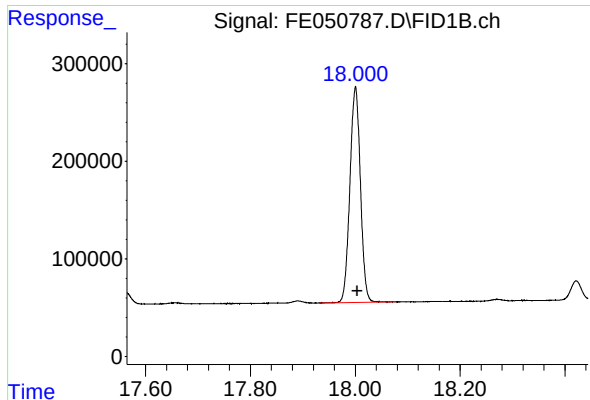
#15 n-Hexacosane (C26)

R.T.: 16.165 min  
Delta R.T.: -0.004 min  
Response: 2772313  
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

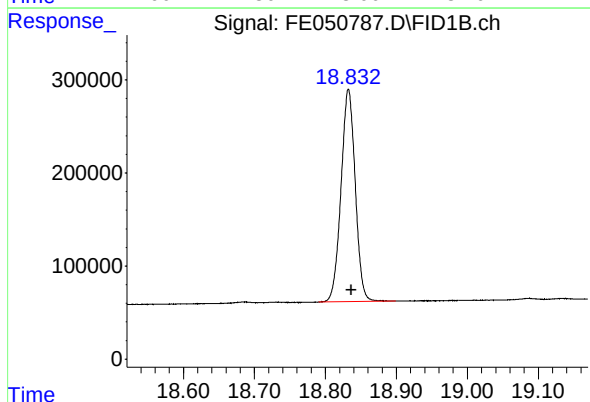
R.T.: 17.114 min  
Delta R.T.: -0.003 min  
Response: 2797437  
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

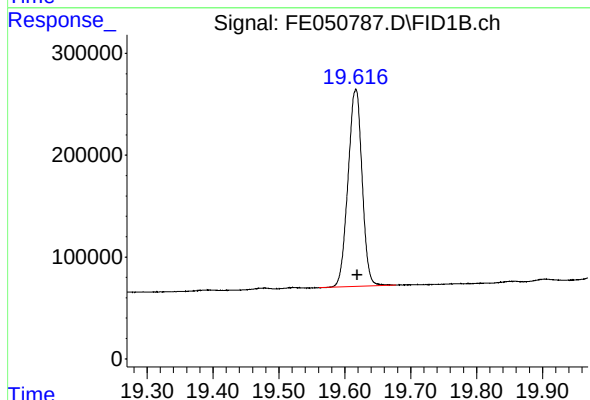
R.T.: 18.000 min  
Delta R.T.: -0.004 min  
Response: 3077284  
Conc: 19.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



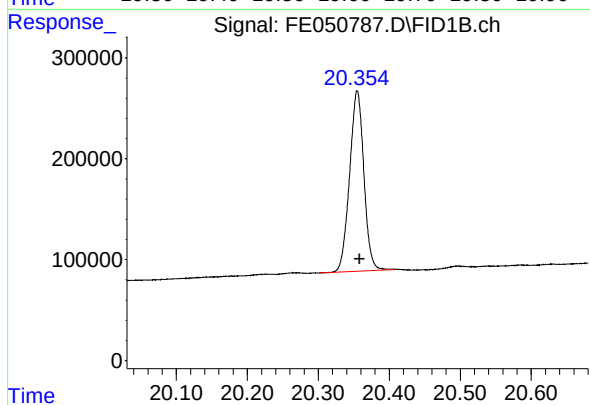
#18 n-Dotriacontane (C32)

R.T.: 18.833 min  
Delta R.T.: -0.004 min  
Response: 3175550  
Conc: 19.59 ug/ml



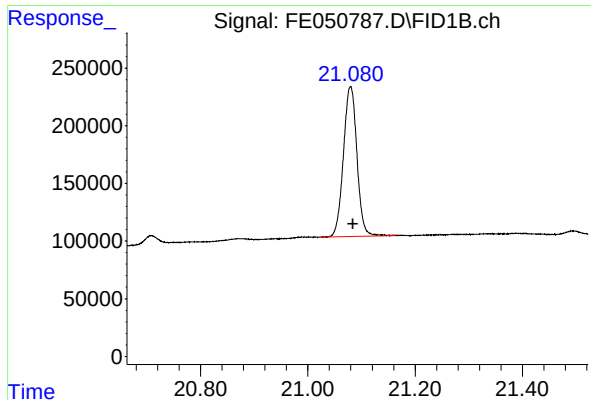
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min  
Delta R.T.: -0.002 min  
Response: 2873780  
Conc: 19.56 ug/ml



#20 n-Hexatriacontane (C36)

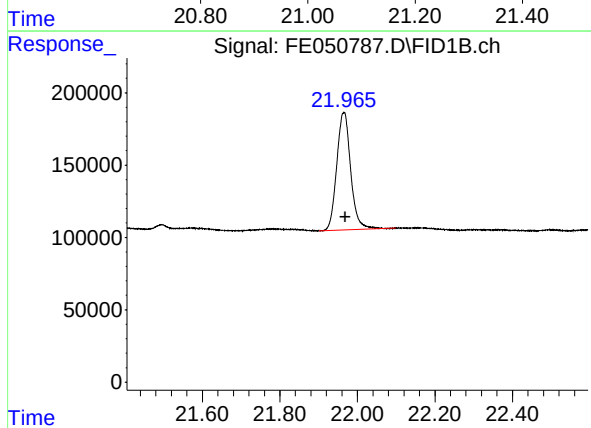
R.T.: 20.355 min  
Delta R.T.: -0.004 min  
Response: 2498338  
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min  
Delta R.T.: -0.005 min  
Response: 2272011  
Conc: 18.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.965 min  
Delta R.T.: -0.004 min  
Response: 2031300  
Conc: 18.24 ug/ml